

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-11 (canceled).

Claims 12-17 (withdrawn).

Claim 18 (canceled).

Claim 19 (withdrawn).

Claim 20 (previously added - currently amended): An immunogenic composition ~~for the prevention and treatment of Papillomatous Digital Dermatitis in ruminants~~ comprising:

- (1) ~~a therapeutically effective~~ an immunologically effective amount of at least one member selected from the group consisting of bacteria ~~species~~ belonging to the genus *Serpens* and an immunologically active portion of bacteria belonging to the genus *Serpens*; and
- ~~an immunologically active portion thereof; and~~
- ~~an antigenic epitope in sufficient variety and quantity for protection against Papillomatous Digital Dermatitis that is cross-reactive with an antibody that immunologically reacts with the *Serpens* genera in combination with a veterinarily acceptable diluent or a carrier.~~
- (2) a veterinarily acceptable diluent or carrier.

Claim 21 (canceled).

Claim 22 (canceled).

Claim 23 (canceled).

Claim 24. (previously added - currently amended): An immunogenic composition comprising ~~for the prevention and treatment of Papillomatous Digital Dermatitis in ruminants:~~

(1) ~~a therapeutically effective~~ an immunologically effective amount of at least one member selected from the group consisting of ~~attenuated bacterial species~~ killed bacteria belonging to the genus *Serpens* and an immunologically active portion of killed bacteria belonging to the genus *Serpens*; and

~~an immunologically active portion thereof; and~~

~~an antigenic epitope in sufficient variety and quantity for protection against Papillomatous Digital Dermatitis that is cross-reactive with an antibody that immunologically reacts with the *Serpens* genera in combination with a veterinarily acceptable diluent or a carrier.~~

(2) a veterinarily acceptable diluent or carrier.

Claim 25 (canceled).

Claim 26 (canceled).

Claim 27 (new): The immunogenic composition of claim 20 further comprising an adjuvant.

Claim 28 (new): The immunogenic composition of claim 24 further comprising an adjuvant.